

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-5. (Canceled).

6. (Currently amended) A power supply system for providing reliable electrical power to a telecommunications facility, said facility containing telecommunications equipment, said system comprising:

an AC power source;

a plurality of individual rectifier/super capacitor devices, each device including a rectifier and a super capacitor housed together wherein the rectifier is operable to convert said AC electrical power to DC electrical power adaptable to power said telecommunication equipment;

a DC power source including one or more proton exchange membrane fuel cell modules receiving hydrogen fuel from storage tanks, said DC power source selectively powering said telecommunication equipment;

wherein each of said individual rectifier/super capacitor devices also includes at least three connection points to which other devices may be coupled, the first connection point coupled internally to a rectifier AC input, the second connection point coupled internally to a rectifier DC output and a first side of said super capacitor, and the third connection point coupled internally to a second side of said super capacitor;

wherein said AC power source is coupled to said first connection point, said second connection point is coupled to said telecommunication facility, and said third connection point is coupled to ground; and

wherein said AC power source is at least one microturbine generator operable to produce AC electrical power and adapted to be powered by a fuel;

a first switching mechanism operable either to couple said at least one microturbine generator to said first connection point or to couple a commercial electric utility to said first connection point; and

a sensing/control mechanism operable to determine when inadequate flow of the fuel is realized by said at least one microturbine generator, and in response, direct the operation of the first switching mechanism to selectively couple said commercial electric utility to said first connection point.

7. (Original) The system of claim 6 wherein said fuel for said at least one microturbine generator is natural gas.

8. (Original) The system of claim 7 wherein said natural gas is supplied by a commercial utility.

9. (Previously Presented) The system of claim 6 wherein said fuel for said at least one microturbine generator is propane.

10. (Original) The system of claim 9 wherein said propane is stored on site.

11. (Previously Presented) The system of claim 6 wherein said AC power source is a commercial electric utility.

12-20. (Canceled).